

1. A control method of a user terminal device connected to a server device in a main office through a communication line and a home office system having a display device which is connected to said user terminal device, said method comprising the steps of:

judging whether or not the user has to take a rest on the basis of a monitoring result obtained in said monitoring step,

displaying a virtual rest space on the display device upon receiving the virtual rest space data.

3. A computer-readable storage medium which stores a program to cause a user terminal device connected to a server device in a main office through a communication line and a home office system having a display device which is connected to said user terminal

monitoring a state of a user in a place where said user terminal device is located; and

requesting virtual rest space data for said server device if it is judged that the rest has to be taken by the user in said judging step; and

4. A medium according to Claim 3, wherein it is possible to communicate with other users in the virtual rest space displayed on the display device in said displaying step.

user information obtaining means for obtaining information of a user in a place where said each user terminal device is located;

user state recognition means for recognizing a state of the user on the basis of information obtained

virtual space control means for moving the user in the virtual space in accordance with a recognition result obtained by said user state recognition means.

6. An apparatus according to Claim 5, wherein said user information obtaining means is imaging means for imaging the user and said user state recognition means recognizes the state of the user on the basis of an image of the user outputted from said imaging means.

20           8. An apparatus according to Claim 6, wherein  
said user state recognition means recognizes motion of  
the user and said virtual space control means moves the  
user to another virtual space in a case where the  
motion of the user is in a predetermined condition for  
25   a period longer than a previously designated time.

9. An apparatus according to Claim 5, wherein

09726022 14000

said user information obtaining means is voice sound  
information obtaining means for obtaining voice sound  
information, said user state recognition means  
recognizes emotion of the user on the basis of the  
5 voice sound information obtained by said voice sound  
information obtaining means and said virtual space  
control means moves the user to another virtual space  
in case of judging that the user is in a great stress  
condition in accordance with the recognition result  
10 obtained by said user state recognition means.

10. An apparatus according to Claim 7, wherein  
the another virtual space is a space used for taking a  
cooperative rest.

15 11. An apparatus according to Claim 5, wherein  
said user terminal device has means for transmitting  
information of the user to said host server device and  
said user state recognition means provided in said  
20 server device recognizes a state of the user on the  
basis of the information transmitted from said user  
terminal device.

25 12. A control method of a virtual system which  
has plural user terminal devices and a host server  
device connected to said plural user terminal devices  
through a communication line and creates a virtual

5           a user state recognition step of recognizing a  
state of the user on the basis of information obtained  
in said user information obtaining step; and  
a virtual space control step of moving the user in  
the virtual space in accordance with a recognition  
10 result obtained in said user state recognition step.

13. A method according to Claim 12, wherein said  
user information obtaining step is an imaging step of  
imaging the user and said user state recognition step  
15 recognizes the state of the user on the basis of an  
image obtained by imaging the user.

14. A method according to Claim 13, wherein said user state recognition step recognizes a face direction of the user and said virtual space control step moves the user to another virtual space in a case where the user looks toward said user terminal device with a predetermined number of times or for a predetermined time.

25

15. A method according to Claim 13, wherein said user state recognition step recognizes motion of the

user and said virtual space control step moves the user to another virtual space in a case where the motion of the user is in a predetermined condition for a period longer than a previously designated time.

5

16. A method according to Claim 12, wherein said user information obtaining step is structured by a voice sound information obtaining step of obtaining voice sound information, said user state recognition step recognizes emotion of the user on the basis of the voice sound information obtained in said voice sound information obtaining step and said virtual space control step moves the user to another virtual space in case of judging that the user is in a great stress condition in accordance with the recognition result obtained in said user state recognition step.

10  
15

17. A method according to Claim 14, wherein the another virtual space is a space used for taking a cooperative rest.

20

18. A computer-readable storage medium which stores a program to cause a virtual system which has plural user terminal devices and a host server device connected to said plural user terminal devices through a communication line and creates a virtual space, to execute the following steps of:

25

09726022 1400  
00000000 00000000

